

## Product Datasheet

### High Density Polyethylene

#### Description:

HDB 00360 is a high-density polyethylene, homopolymer designed for the blow-molding. Segment. HDB 00360 shows high stiffness properties, good impact resistance and good surface quality.

#### Applications:

Toys, Dairy based products packaging, bottles for ethylic alcohol, Food packaging, Blow molding small volumes

#### Processes:

Injection blow molding, extrusion blow molding.

Control & Typical Properties			
Feature	Method	Units	Values
Melt Flow Rates (230 °C/2.16 kg)	D 1238	g/10 min	0.35
Density	D 792	s/cm <sup>3</sup>	0.960
Flexural Modulus - 1% Secant	D 790	Mpa	1450
Tensile Strength at Yield	D 638	Mpa	30
Tensile Elongation at Break	D 638	%	35
Tensile Impact Strength ISO at 23°C	ISO 8256	KJ/m <sup>2</sup>	100
Deflection Temperature under Load at 0.455 Mpa	D 648	°C	70

<sup>1</sup> Typical values which can vary within specification limits and are not to be construed as specifications.

<sup>2</sup> 2.16 kg/230 °C.